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16519 U.S. PTO01004 U.S. PTO  
10/682589  
100903**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of: Mohamed Arafa

Title: METHOD AND APPARATUS TO PROVIDE AN AREA EFFICIENT ANTENNA DIVERSITY RECEIVER

Attorney Docket No.: 1000-0020

**PATENT APPLICATION TRANSMITTAL****MAIL STOP PATENT APPLICATION**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items and information (as indicated with an "X"):

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Utility Patent Application under 37 CFR 1.53(b) comprising:

- Specification (15 pgs, including claims numbered 1 through 30 and a 1 page Abstract).
- Informal Drawing(s) (2 sheets).
- Signed Combined Declaration and Power of Attorney (3 pgs).
- Authorization to charge Deposit Account No. 50-2359 in the amount of \$1122.00 to pay the filing fee.

Assignment of the invention to Intel Corporation (2 pgs) and Recordation Form Cover Sheet.

Authorization to charge Deposit Account No. 50-2359 in the amount of \$40.00 to pay the Assignment recording fee.

The filing fee has been calculated below as follows:

|  | No. Filed | No. Extra | Rate      | Fee              |
|--|-----------|-----------|-----------|------------------|
| TOTAL CLAIMS   | 30-20     | 10        | x 18.00 = | <b>\$180.00</b>  |
| INDEPENDENT CLAIMS   | 5-3       | 2         | x 86.00 = | <b>\$172.00</b>  |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED |           |           |           | <b>\$0.00</b>    |
| <input type="checkbox"/> BASIC FEE                           |           |           |           | <b>\$770.00</b>  |
| <b>TOTAL</b>   |           |           |           | <b>\$1122.00</b> |

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Law Offices of John C. Scott, LLC, c/o PortfolioIP  
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"Express Mail" mailing label number: EV 268173971 USDate of Deposit: October 9, 2003

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to The Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.